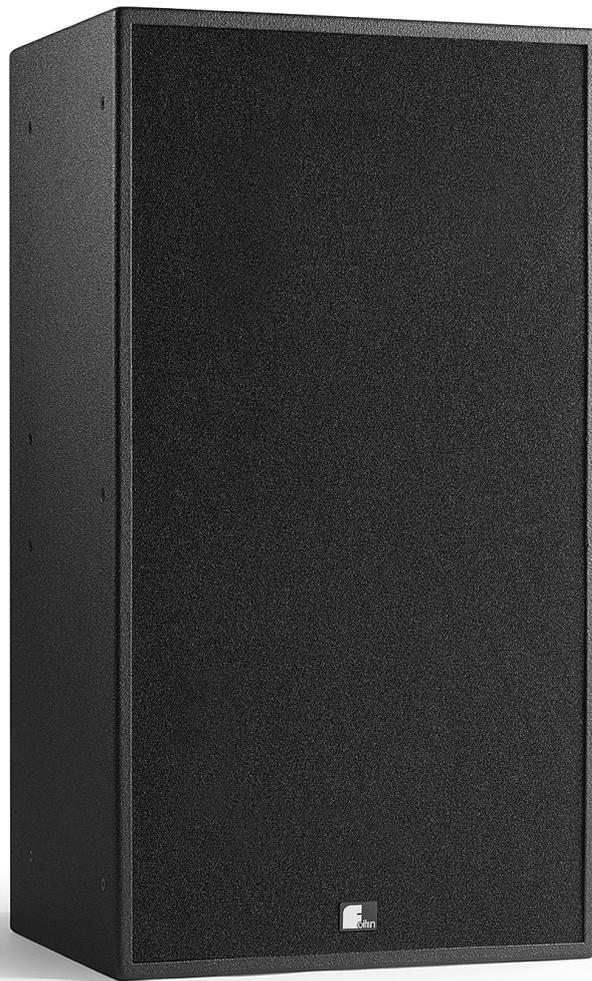


# Arc

## AT-661w

Weatherproof, passive fullrange speaker for fixed installations, 2 × 10" / 1.4", 600 W, 138 dB SPL max., 455 × 840 × 465 mm



# Arc AT-661w

The AT-661w is a passive, horn loaded fullrange speaker system. It was specially developed for outdoor applications and has a weather proof housing, waterproof connections and membrane impregnation. It impresses with its high performance capacity and outstanding speech intelligibility.



## Main features

- 2 × 10" / 1.4" compression driver (3.5" diaphragm) on the rotatable CD horn
- Electronic high frequency protection
- Nominal power rating: 600 watts at 4 ohms
- Dispersion: 90 ° × 60 ° (H × V)
- SPL max.: 138 dB
- Connections: 2 × 4-pin terminal with watertight cable gland
- Weather proof VSM housing reinforced with steel braces
- Resistant PU coating comes as standard
- Available in RAL Classic, NCS or Pantone colors on request
- Weatherproof mounting options (from stainless steel) are available on request
- In order to ensure performance and operational safety, Fohhn system amplifiers including the correct speaker preset are required.



Available with the following color options



Black

Equipped with the following Fohhn technologies



100 V optional



Special colors optional



Ball impact resistant



Weatherproof execution

# Technical data

## Electroacoustic features

acoustic design	passive fully horn loaded point source speaker system, 2-way, vented design, weather resistant
power rating (nominal)	600 watts
power rating (program)	1200 watts
power rating (peak)	2400 watts
components	2 × 10" long excursion with impregnated cone, 1,4" compression driver on rotatable CD-Horn with self-resetting IPC[*]-HF protection, neodymium magnets
sensitivity	105 dB
maximum SPL	138 dB
frequency range	65 Hz – 20 kHz
nominal impedance	4 ohms
2-way design	yes
nominal dispersion (h x v)	90° × 60°

## Features

enclosure	weatherproof VSM/aluminum cabinet
front design	acoustic foam, same colour as enclosure
protection grille	steel grille, ball impact resistant, powder-coated
weight	approx. 32 kg
standard colours	scratch-proof polyurethane coating, black
mounting points	8 × M6 threads
weather protection	polyurethane coating and water-repellant speaker cone impregnation
connectors	2 × 4-pin terminal with removable watertight cable gland
dimensions (W × H × D)	455 × 840 × 465 mm

## Optional features

optional colours	RAL Classic / NCS / Pantone on request
integrated 100 V transformer	on request

## CAAD simulation data

simulation data	EASE
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power rating (nominal/program): according to IEC-60268-5

power rating (peak); maximum SPL: peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range

sensitivity: 2,83 V at 8 ohms (2 V at 4 ohms, 4 V at 16 ohms) at a distance of 1 m under anechoic fullspace conditions

frequency range: -10 dB under anechoic halfspace-conditions

weight: net weight without optional equipment

Intelligent Protection Circuit (IPC): voltage-controlled semiconductor circuit protecting the HF-driver against overload highly effective and with very short attack time

cut-off frequency: -10 dB under anechoic halfspace-conditions with speaker preset

heat dissipation: pink noise, 6 dB crest, 1/4 Pmax

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